GUARDO®

USER'S MANUAL

GB NL D FR

More languages available
on www.guardo.be

DECLARATION OF CONFORMITY

We, the undersigned

Company:	TE-GROUP nv
Address:	Kapelsestraat 61, 2950 Kapellen - BELGIUM

declare, that the following equipment:

Product Name:	Guardo Action Cam +
Product Type:	Action Camera WiFi

CE

Complies with the essential requirements, which are specified in the directive 2004/108/EC and 1999/5/EC on the approximation of the laws on the Member States relating to electromagnetic compatibility.

This product has been tested against following standards and specifications, applying versions valid on July 2014:

EN55022: 2010
EN55024: 2010
EN62479: 2010

ETSI EN 300 328 V1.7.1 (2006-10)
ETSI EN 301 489-1 V1.9.2 (2011-09)
ETSI EN 301 489-17 V2.2.1 (2012-09)

---------- Manual/Guardo Action Cam +/ 12-14 /V3 ----------

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GB

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ILLUSTRATIONS

Illustration I

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Illustration II

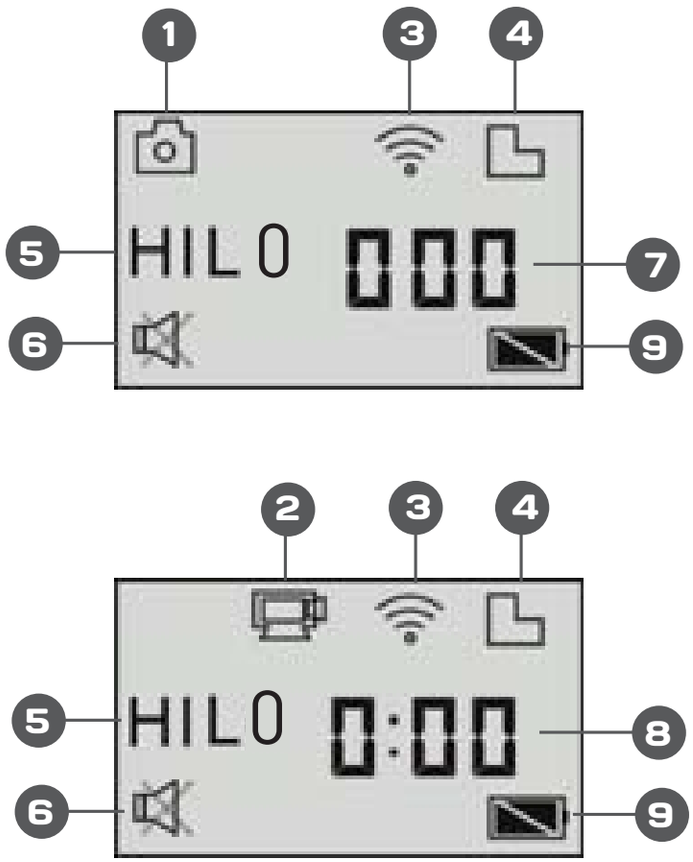


Illustration III

Illustration IV

PARTS & FUNCTIONS

CAMERA *See illustration I*

1. Record Button
2. Microphone
3. LCD screen
4. Lens
5. Wi-Fi Button with LED indicator
6. Power / Mode Button
7. Infrared signal reception eye
8. Micro USB port
9. Mini HDMI port (*HDMI cable optionally available on www.guardo.be)*
10. Micro SD card slot *(Micro SD card optionally available on www.guardo.be)*
11. Battery Cover Switch
12. Recording/Status (LED) Indicator
13. Micro USB charging cable
14. Remote Control
15. Extra spare battery
16. Waterproof case
17. 2 x Curved surface mount + acc.
18. Universal helmet mount with strap
19. Universal Head strap mount + acc.
20. Yellow Floater
21. 2 x Flat Surface Mount + acc.
22. Seatpost/Handlebar Medium
23. Suction Cup mount
24. Surfboard Mount + acc.
25. Shorter screw

LCD SCREEN *See illustration II*

Peel off screen protector

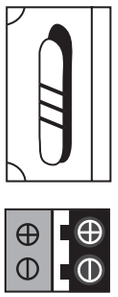
1. Photo Camera mode
2. Video Camera mode (default)
3. Wi-Fi icon (only visible when wi-fi is turned ON)
4. Micro SD card icon (only visible when micro SD card is inserted)
5. Resolution setting
6. Mute mode (only visible in Mute mode ON)
7. Photo counter: displays number of photos left to capture (cannot display more than 999)
8. Video timer: displays hours and minutes left that still can be used for recording
9. Battery icon: current battery status

Note: The above icons may vary according to the status of the camera.

INSTALLING THE BATTERY

See illustration IV

(11)



Please install the provided lithium battery correctly as shown in illustration IV:

1. Switch and hold the Battery Cover Switch (11) upwards to release the battery cover.
2. Simultaneously slide the battery cover to the right to release and remove it.
3. Place the battery inside the battery compartment. Make sure the electrodes of the battery correspond to the symbols on the cover.
4. Slide the battery cover back in place and switch the Battery Cover Switch (11) downwards to lock the battery.

CHARGING THE BATTERY

1. Make sure the battery is installed.
2. Make sure the Guardo Action Cam is **turned off.**
3. Connect the micro USB cable (13) to the Micro USB Port (8)of the Guardo Action Cam.
4. Connect the other end of the micro USB cable(13 to the USB port of your computer or the optional Guardo USB home charging device, optionally available on www.guardo.be.
5. The camera will be turned ON automatically (PCU or CAR will be displayed), and starts recording when 'CAR' is flashing. Stop recording by pressing the Record Button (1).
6. During charging, the blue LED Indicator (12) will light continuously.
   When charging is completed the blue LED Indicator (12) will turn off.

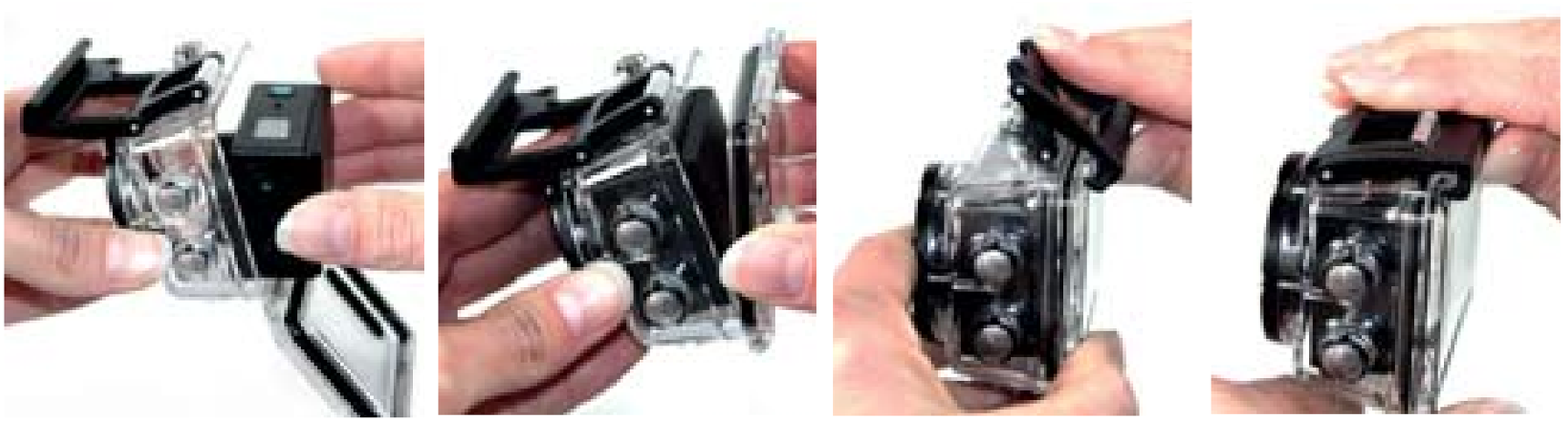
Note:

- *The camera can be used while charging.*
- *When the battery runs out of power, the Guardo will turn off but will save the part that was recorded until the camera turned off.*
- *When the camera is ON but not in use it will automatically turn off after 5 min.*
- *When the blue LED indicator (13) will flash instead of light continuously, this means that there is no battery inside the camera.*
- *Extra batteries and charging devices/accessories can be ordered from our website: www.guardo.be*

THE WATERPROOF HOUSING

Placing the camera in the waterproof housing:

Place camera *Close backdoor* *Grasp arm onto backdoor* *Click into place*



To remove the camera from the waterproof housing: reverse the above procedure!

IMPORTANT! USAGE FOR PREVENTING WATER LEAKAGE

1) **BEFORE EVERY USE**: check carefully that the waterproof housing is securely locked onto the camera and that no 'objects' (such as sand or a lock of hair) are in between the rubber strap and the housing, as this could cause leaking.
2) The rubber strap is the most important part of the waterproof housing as it is the element that keeps you camera waterproof. The rubber strap can be removed to clean it in fresh water. Do not use a damp cloth to dry, but dry it by shaking it.
3) Whenever used in salt water, ALWAYS clean the plastic waterproof housing afterwards in non-salt water and dry it. This is to avoid corrosion or to prevent dust/sand/... building up in the rubber seal.

!ATTENTION!
If you do not consistently perform/execute the above mentioned tips, water damage may occur and can result into the camera being damaged/destroyed. The warranty does NOT cover water damage caused by improper use by the user!

WATERDROPS & CONDENSATION

Regulary check the lens to see if waterdrops or condensation/fog have appeared as these may be shown on your footage.

To remove/avoid waterdrops and condensation/fog, these tips might help :

- Spit or lick the port or housing lens. The water will sheet off instead of beading up!
- Apply a water repellent and anti-beading/ anti-fog coating or wax (such as 'RAIN-X)
- Make sure the inside of the housing and camera is as dry as possible (e.g. dry hands, no sweat) to prevent fog/condensation
- Don't leave the camera in the direct sun or near heat and don't leave it on (generating heat) when not necessary
- Open the fogged camera housing and carefully wipe off the fog inside, then close it again
- Try to avoid too large temperature differences as these may cause condensation/fog

Note: *Muffled sound is inevitable when using the camera with the waterproof housing.*

MOUNTING THE CAMERA USING THE DELIVERED MOUNTS

Attaching the camera to any mount, is always done in the same way:

1. Place the camera on the mount's screw

2. Rotate/point the camera as desired and fasten with the tightening screw

3. Tilt the camera into the desired shooting angle and fasten with the tightening screw

MOUNTS WITH ADHESIVE TAPE

How to apply the adhesive tape (IMPORTANT!)?

- **Apply the tape 24 hours before use**
- Make sure the surface you want to apply the tape on is smooth: the tape will not adhere properly on an embossed or poreus surface.
- **Clean and dry the surface before application.** Any cleaner that will not leave a film or oily surface can be used!
- Press the tape entirely and firmly into place!

How to remove the adhesive tape?
The adhesive tape can be removed by using a hairdryer: the heated air will loosen the adhesive part. Remove the residue with a cleaner or with alcohol.

A. CURVED SURFACE MOUNT

Stick the 3M VHB tape to the mount and place/ stick the mount on a curved surface.
Note: *this mount can also be used with the remote control's strap!*

B. YELLOW FLOATER

Stick the floater with the 3M 300LSE tape to the camera to keep your camera floatable!

C. SURFBOARD MOUNT

Stick the 3M 300LSE tape to the surfboard mount and place it on the desired surface.

D. FLAT SURFACE MOUNT

Stick the 3M VHB tape to the mount and place it on a flat surface, such as a snowboard.

OTHER MOUNTS

A. UNIVERSAL HELMET MOUNT WITH STRAP

Tie the Universal helmet mount to the holes in your helmet and fasten.

B. UNIVERSAL HEAD STRAP MOUNT

C. SEATPOST/HANDLEBAR MEDIUM

Turn the tightening screws to enlarge the opening and to fit the seatpost/handlebar/... in between the openings of the mount. Turn the screws to secure the mount.

D. SUCTION CUP MOUNT

Place the suction cup mount on the desired flat and smooth location and secure it with the lever.

E. SHORTER SCREW

The shorter screw needs to be used when using the camera WITHOUT the waterproof housing.

Safety plug

Some mounts are fitted with a safety plug, an additional security feature that helps to prevent the fastener of the mount to come loose! Make sure this safety plug is securely attached when using it for extreme sports in which many shocks, sudden (up and down) movements and rotations occur such as motocross, snowboarding, mountain biking, etc ..

1. PLACE MICRO SD CARD

- Make sure an 8 GB Micro SD card (preferably from a known A-brand), Class 10 (UHS-I) or higher with a minimum of 15 MB/s writing speed (optionally available at www.guardo.be) is inserted into the Micro USB Card slot (10) before you start using the Guardo Action Cam. *See Ilustration III*
- Make sure you format the Micro SD card **before first use only!** You can format the micro SD card via:
  - your computer (see p. 31 'connecting to a computer' to find out how)
  - the Guardo Action Cam app (see p. 21 'Full operation from app' to find out how)
  - your Full HD HDMI TV (see p. 32 'Connecting to a HD TV via HDMI Cable' to find out how)

See Ilustration III
Place the micro SD card into the Micro SD Card slot (10) and press gently with your finger nail so that it clicks into place. (To remove the Micro SD-card: press the card gently again with your finger nail so that it pops out).

Note:
- *When there is no micro SD card inserted, the camera cannot be used!*
- *Make sure the capacity of your micro SD card does not exceed 32 GB, Class 10 (UHS-I).*

2. TURNING ON/OFF

To turn the Guardo Action Cam on: Press the Power/Mode Button (6) for 3/4 sec. to turn the Guardo Action Cam on. The LCD display (3) will show 'ON' and you will hear a short beep indicating that the camera is turned on.
To turn the Guardo Action Cam off: Press the Power/Mode Button (6) again for 3/4 sec. to turn the Guardo Action Cam off. The LCD display (3) will show 'OFF' and you will hear a short beep indicating that the camera is turned off.

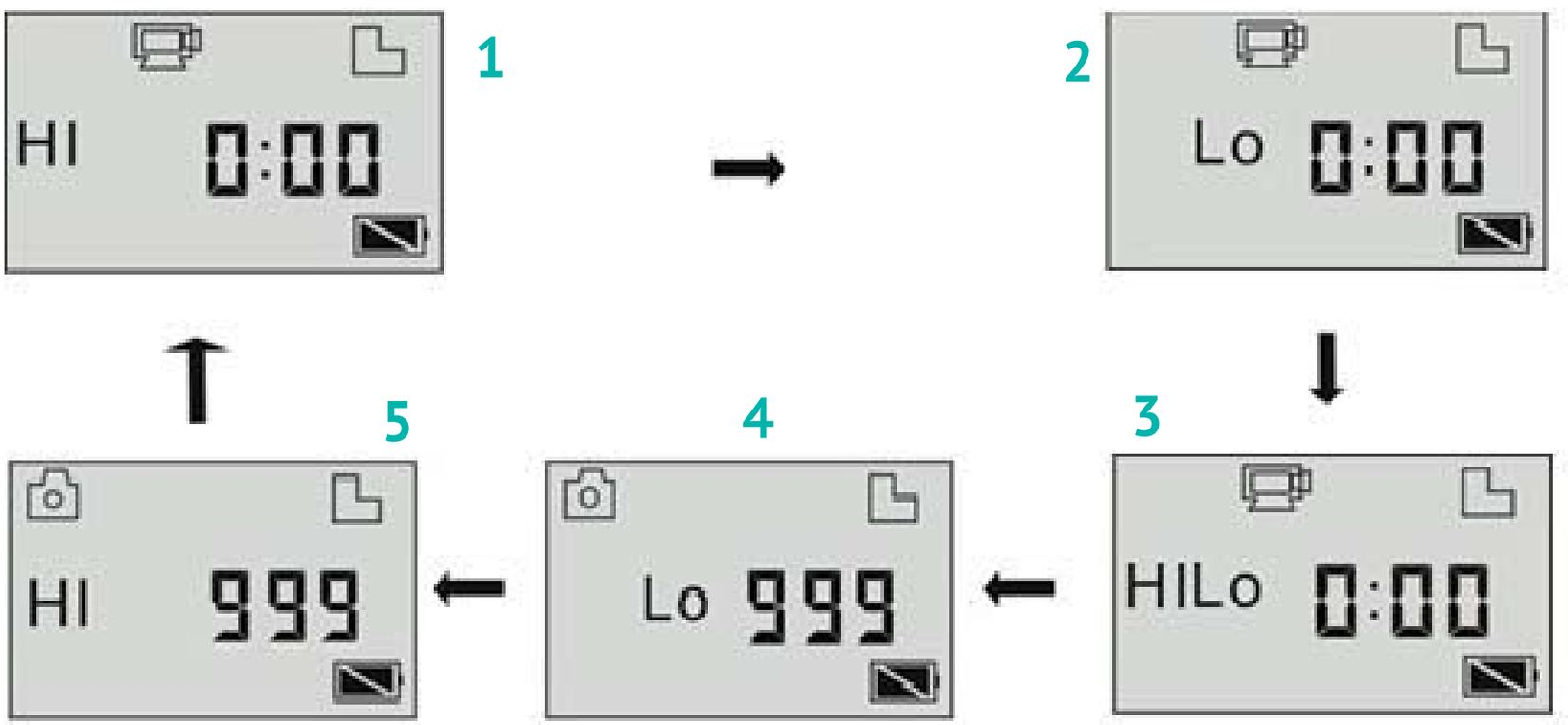
Note:
The Guardo Action Cam will turn off automatically when it is not being used for 5 minutes.

3. SETTINGS

The Guardo Action Cam can be set (resolution, video mode, photo mode, ...) according to the purpose for which it is used and according to your own preferences!
When the camera is turned on for the very 1st time, the following information will appear on the LCD display, this is the default factory setting:

1. Video mode
2. Micro SD card inserted
3. Video resolution (1080P, 30FPS)
4. Remaining recording time
5. Battery status indicator

By pressing the Power/Mode Button (6) the settings can be changed in this order:



1. Video Mode (default) (1080P, 30FPS)
2. Video Mode (720P, 30FPS)
3. Video Mode (720P, 60FPS)
4. Photo Mode (5MP)
5. Photo Mode (8MP)

BASIC OPERATION FROM THE CAMERA DIRECTLY

- **Start video recording:**
  - o Make sure that the Guardo Action Cam is turned on and in Video Mode (is shown on the display).
  - o Press the Record Button (1) once. The red LED indicator (12) and the icon will start flashing slowly = start of recording.

- **Stop video recording:**
  - o Press the Record Button (1) once again to stop recording. The red LED indicator (12) will turn off and the ( ) icon will stop flashing.

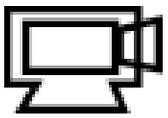
Note:

- *When the memory card is full, the Guardo Action Cam will automatically stop recording. Your recordings will be saved, before the camera turns off! When 0:00 flashes on your screen, this indicates your SD card is full and recording is no longer possible. You need to empty or format your SD card (via computer, tv or app) again. This of course after having copied/saved your photos/footage from the card to another device such as your computer's hard disk. See p. 31 'Format SD Card'.*
- *When recording continuously over a longer period of time (e.g. 2 hours non-stop), the footage saved on your Micro SD Card wil be split in different sections, 1 section = max. 4GB/45 min.*

- **Take a photo:**
  - o Make sure that the Guardo Action Cam is turned on and in Photo Mode (is shown on the display).
  - o Press the Record Button (1) once. You will hear a beep and the red LED indicator (12) will light up once = taking a photo.

Note:

Only when you have heard the beep and the red LED indicator has flashed the photo was really taken.

	Video	HI stands for Full HD (1920x1080,30 fps) video. This setting is used on vehicles and all stable objects.
		HILO stands for HD 720P (1280x720,60 fps) video. This setting is used for hand shots and when recording in slow motion (see app).
		Lo stands for 720P (1280x720,30 fps) video. This setting is used in low light conditions, in vehicles and all stable objects.
	Photo	HI stands for 8M (3264 x 2448) resolution
		Lo stands for 5M (2592 x 1944) resolution

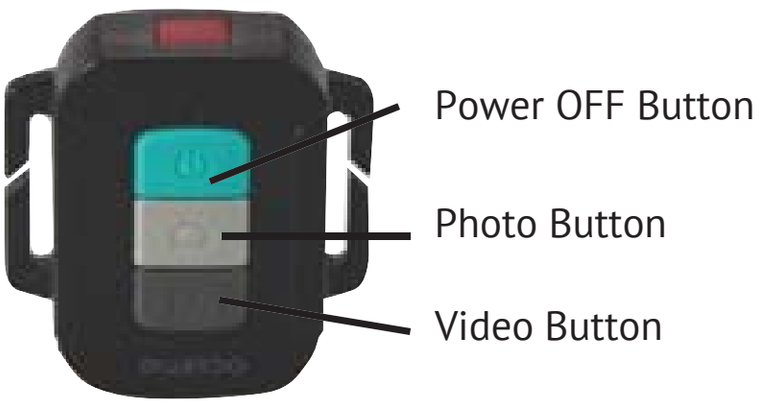
- **Enable/disable Mute Mode:**
  - Make sure that the Guardo Action Cam is turned on and in Video Mode ( ) is shown on the display.
  - Press and hold the Record Button (1) for 2 sec. to mute the microphone/ to enter Mute Mode. The Mute icon will be shown on the display.
  - Press and hold the Record Button (1) (nieuw icoontje) again for 2 sec. to unmute the microphone/ to exit Mute Mode. The mute icon will no longer be shown on the display.

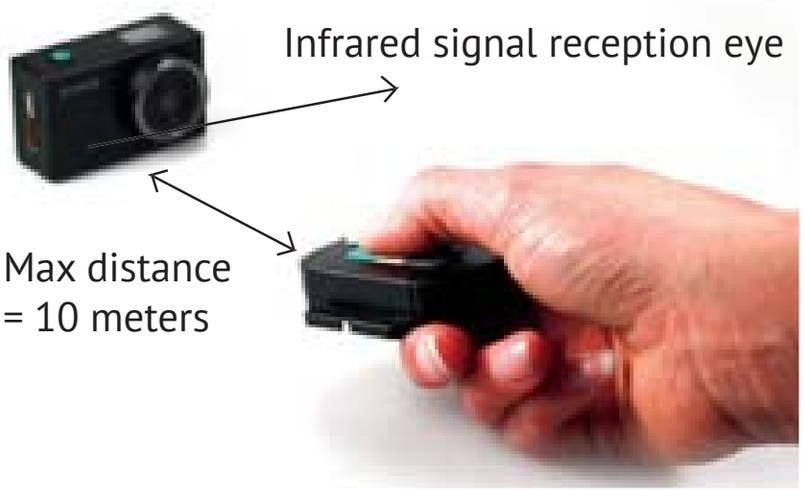
Note:
Due to the small design of the camera, sound is recorded in mono, so limited sound quality.

BASIC OPERATION FROM REMOTE CONTROL

1) **Use remote control with camera**

The remote control can be used for video recording, for taking pictures and for turning the Guardo Action cam OFF.





- **Start video recording**: Aim the remote control to the camera's infrared eye (7) and press the Video Button once to start recording.
- **Stop video recording:** Aim the remote control to the camera's infrared eye (7) and press the Video Button once again to stop recording.
- **Take a photo**: Aim the remote control to the camera's infrared eye (7) and press the Photo Button once to make a photo.
- **Turn OFF**: Aim the remote control to the camera's infrared eye (7) and press the Power Button once to turn the camera off.

Note:

When using the remote control, the camera will the camera will shoot according to the last (manually) set settings.

2) **Use remote control with Full HD TV**

(see p. 32 'Connecting to a FULL HD TV via HDMI cable (optional))

VIDEO AND DASHCAM MODE:
Power OFF Button: play/pause
Photo Button: FBWD
Video Button: Next / FFWD

CAMERA MODE:
Power OFF Button: OSD (On Screen Display) / ON/OFF
Photo Button: no function
Video Button: Next

FULL OPERATION FROM APP

INSTALL THE APP

Search for the App on your smartphone or tablet:
- For Android users: Search for 'Guardo Action Cam' in Google Play or scan this QR code:
- For Apple iOS users : Search for 'Guardo Action Cam" in the App Store or scan this QR code:

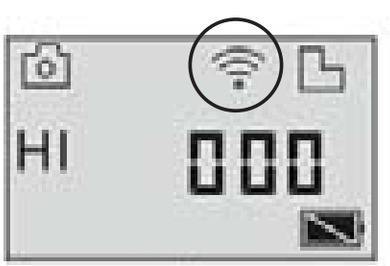
Finish the installation so that the Guardo Action Cam app icon appears on your smartphone or tablet!

ANDROID

APPLE

ENABLE WI-FI ON THE GUARDO ACTION CAM

Press the Wi-Fi Button (3) on your Guardo Action Cam to enable Wi-Fi. The Wi-Fi icon will appear on the LCD display and the red LED indicator of the Wi-Fi Button (3) will start flashing.



MAKE A WI-FI DIRECT CONNECTION BETWEEN GUARDO ACTION CAM AND YOUR SMARTPHONE/TABLET

- Enable Wi-Fi on your smartphone or tablet and let it search for the Wi-Fi Direct network 'Guardo Action Cam'.
- Select this Wi-Fi Direct network. When you connect it the first time, you need to enter the password: "987654321". 'Connected succesfully' will now appear on the display of your smartphone or tablet.
- The red LED indicator of the Wi-Fi Button will no longer flash but will stay red during connection.
- When connection is lost, it will try to auto-reconnect. If not, then manually re-connect again.

Note:

- *During Wi-Fi connection and connection with a smartphone/tablet, the camera will turn warm. This is normal and not a malfunction!*
- *A Micro SD Card needs to be inserted before you can make a Wi-Fi connection*
- *Wi-Fi will automatically be disabled on your Guardo Action Cam when no device (smartphone/tablet) is connected within 2 min. to save battery power.*
- *The password and network name cannot be changed by the user.*
- *Date/Time will be set automatically by app and device and when replacing the battery.*

OPERATION

Before you start using the app make sure a micro SD card is inserted into the camera!

Press the app icon on your Android or Apple iOs device .

Your device will make a connection with the camera and a live video preview will appear!

The app is default set to video mode and so this is the start screen (Android as example):

Resolution
(Default set to video 'FHD' - Full HD)

Remaining recording time

Wi-Fi connection
(no icon for Apple)

Battery status

White Balance
(default set to 'AWB' - Automatic White Balance)

View photos / videos

Settings **(for Apple)**

4 x digital zoom bar

Record button for video recording
(default set to video mode)

Photo mode

Video mode
(default ON)

To use the app for making photos, press the icon, this is the start screen for making photos (Android as example):

Self Timer (Default OFF)

8M **Resolution** (Default set to 8M)

Wi-Fi connection
(no icon for Apple)

AWB **White Balance**
(default set to 'AWB' - Automatic White Balance)

Remaining photos left to capture
(real total depends on settings and resoltution and may vary)

Battery status

View photos / videos

4 x digital zoom bar

Photo button for making photos

Photo mode

Video mode

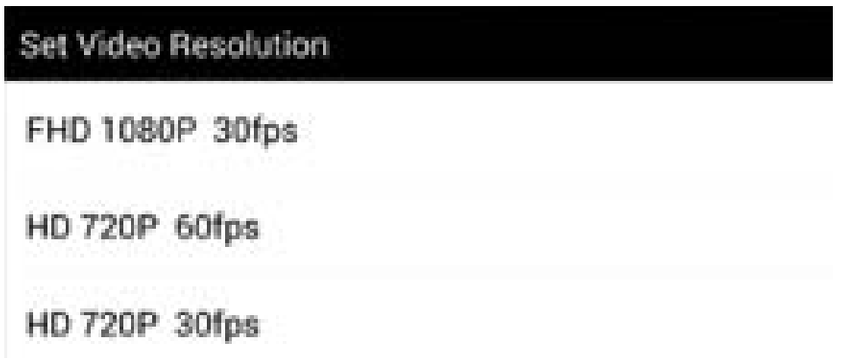
Settings **(for Apple)**

ADJUST GENERAL SETTINGS FOR VIDEO/PHOTO

ADJUST RESOLUTION

In mode: press the FHD icon. You can now choose from:

Your selected resolution will be shown in the icon on your start screen.



In mode: press the 8M icon. You can now choose from:

Your selected resolution will be shown in the icon on your start screen.

ZOOM

Press in the area just above the toolbar below : a zoom bar will appear.
Press + to zoom in , press – to zoom out. (Maximum is 4 x)

SET TIMELAPSE INTERVAL

Timelapse for video = a way of filming something in which many shots are taken over a certain period of time and are shown quickly in a series so that a slow action (such as a sunset) appears to happen quickly.
Timelapse for photo = a way of photographing something in which may shots are taken over a certain period of time and duration.

Press (Android) or (Apple) on your start screen and press 'Timelampse interval'.
You can now choose from:

In mode: the icon will appear on your start screen indicating that Timelapse is ON.

In mode: the icon will appear on your start screen indicating that Timelapse is ON.

SET TIMELAPSE DURATION

If Timelapse Interval is ON, you can also choose the duration of the interval.

Press (Android) or (Apple) on your start screen and press 'Timelampse duration'.
You can now choose from:

Note: *In time-lapse, no sound will be recorded.*

SET WHITE BALANCE

Press (Android) or (Apple) on your start screen and press 'White Balance'.
You can now choose from:

According to your selected white balance, one of the following icons will appear on your start screen:

Auto Daylight Cloudy Fluorescent Incandescent

SET FREQUENCY (Normal for EU is 50Hz)

Press (Android) or (Apple) on your start screen and press 'Frequency.
You can now choose from:

FORMAT SD CARD ON CAMERA

Press (Android) or (Apple) on your start screen and press 'Format Camera'. Press 'yes' to format the Micro SD Card in your camera.

Note:
Timelapse, Upside Down Recording and Slow-Motion (see below) CANNOT be set simultaneously. As soon as you set one of these, the others will appear in a grey color and can no longer be selected. In case you do, a pop-up screen will warn you to turn off the other option.

ADJUST SETTINGS ONLY APPLICABLE IN VIDEO MODE

SET SLOW-MOTION FUNCTION

Press (Android) or (Apple) on your start screen and press 'Slow-Motion Function' to turn Slow Motion ON/OFF.

The icon will appear on your start screen indicating that Slow Motion is ON.

Note: *- For best slow-motion results we suggest to use 'HD 720p, 60 fps'.*
- In slow-motion, no sound will be recorded!

SET UPSIDE DOWN RECORDING

Press (Android) or (Apple) on your start screen and press 'Turn upside down recording' to turn this function ON/OFF.

The icon will appear on your start screen indicating that upside down recording is ON.

ADJUST SETTINGS ONLY APPLICABLE IN PHOTO MODE

Press the icon. You can now choose from:
Your selection will be shown in the icon on your start screen.

SET BURST MODE

Burst mode = continuous shooting
=> a certain amount of photos are captured in quick succession.

Press (Android) or (Apple) on your start screen and press 'Burst mode'. You can now choose from:

One of the following icons: will appear on your start screen indicating that Burst Mode is ON in your selected setting.

Note: *we suggest to use the 5 MP resolution for fast action shots.*

MAKE VIDEO RECORDINGS

- **Start video recording:**
  Press the Record Button on your device once. The Record Button will start flashing slowly = start of recording.
  Note: *Depending on your device's model/type there could be a delay between the camera and the device. The recording will be OK and normal.*

- **Stop video recording:**
  Press the Record Button once again to stop recording. The Record Button will stop flashing = stop of recording.
  Note: *You can also stop the recording by pressing the Record Button (1) on the camera.*

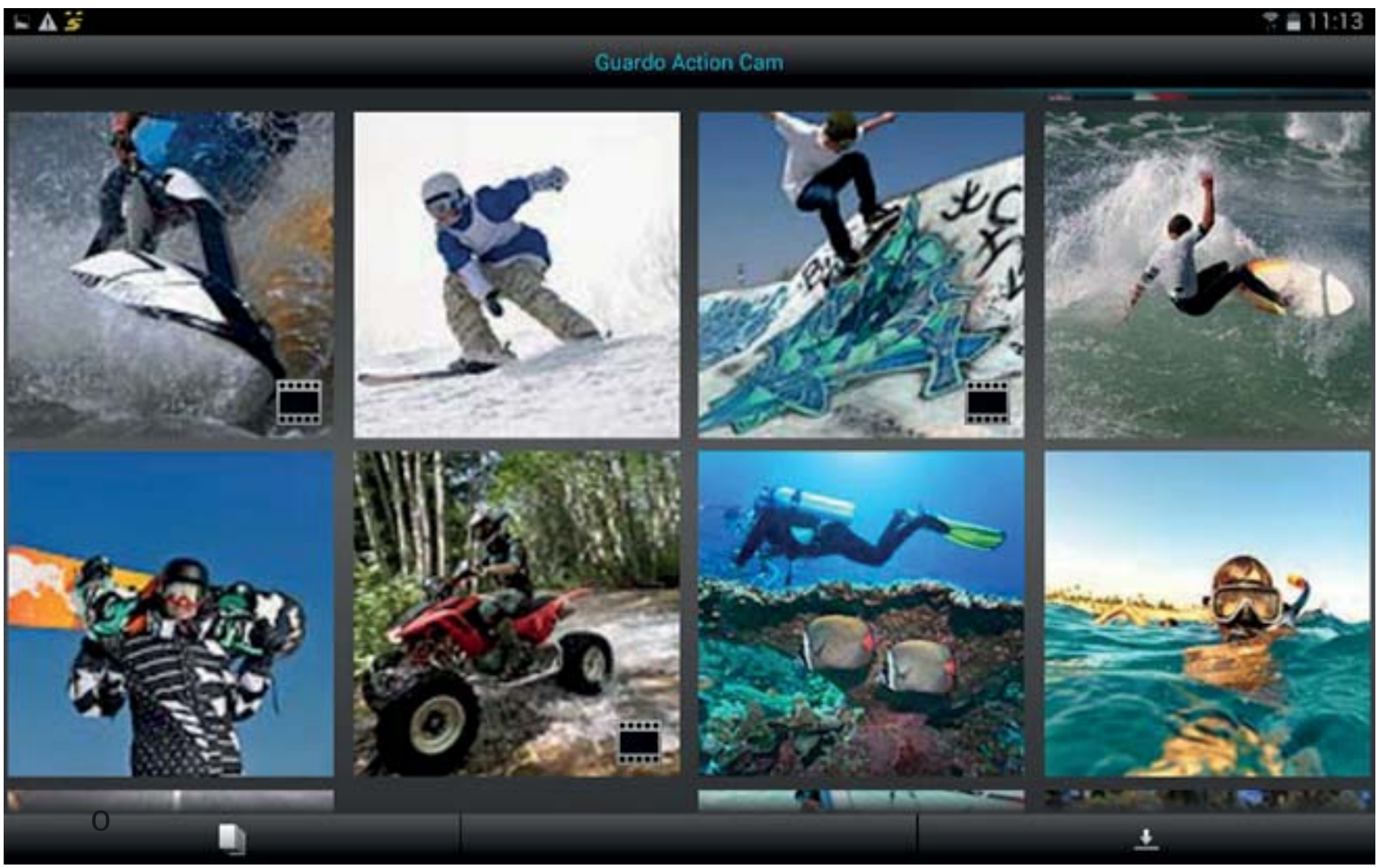
IMPORTANT!
- After you started recording, you can turn OFF the wifi connection and close the app.
- When making a timelapse, slow-motion or upside down recording with the app and you turn off the wi-fi, the camera will stop recording as soon as the wi-fi is turned back on.
- When the camera is switched OFF, the special settings done by the app such as slow motion, timelapse, upside down recording, ... will be set to default = OFF again.

MAKE PHOTOS

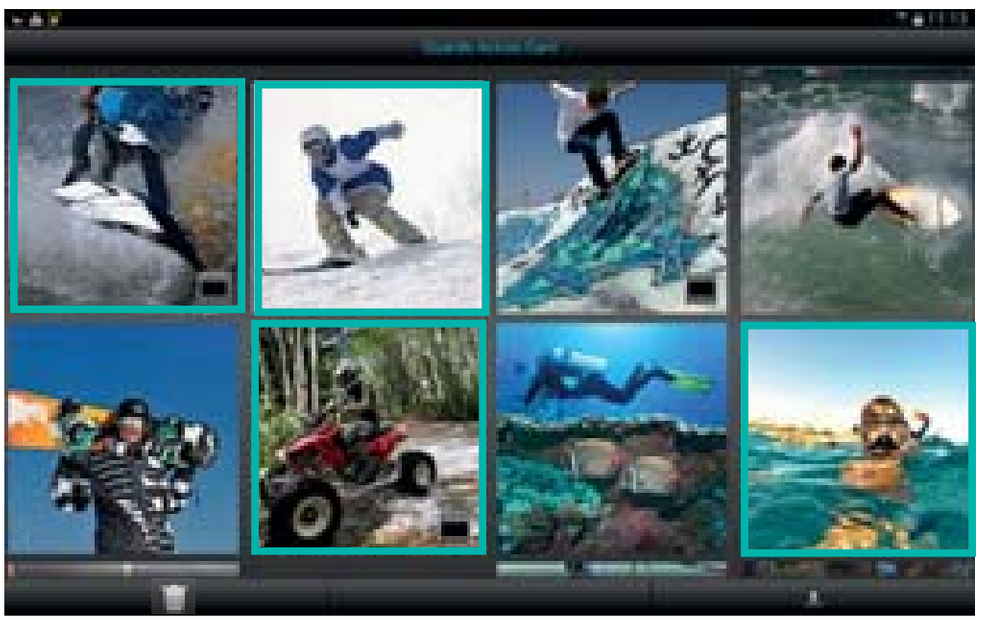
Press the Photo Button on your device once. The Photo Button will flash once and you will hear a snapshot sound indicating that the photo will be taken. As soon as you heard a beep coming from the camera and saw the red LED on your camera flash, the shot was made.

VIEW/SELECT/DELETE/... VIDEOS AND PHOTOS

Press . The recorded videos and photos will appear in thumbnail icons. The recorded videos are marked with a .



- **View photos**: simply press the photo to view it full screen.
- **View videos:** to view your videos you first need to download them. You can view them afterwards in the photo/video album of your Apple iOS or Android device.
- **Download photos and/or videos:**
  - Press until appears.
  - Select the video(s) and/or photo(s) you wish to download by check marking them:



  - Press The selected video(s)/photo(s) will now be downloaded to the photo/video album of your Apple iOS or Android device.
- **Delete photos/video(s):** Press until appears. Select the videos/photos you would like to delete and press 'OK'.

Note: *For Android users only: in case you cannot play the video file we suggest using the free app 'Android Video Player' or another compatible player.*

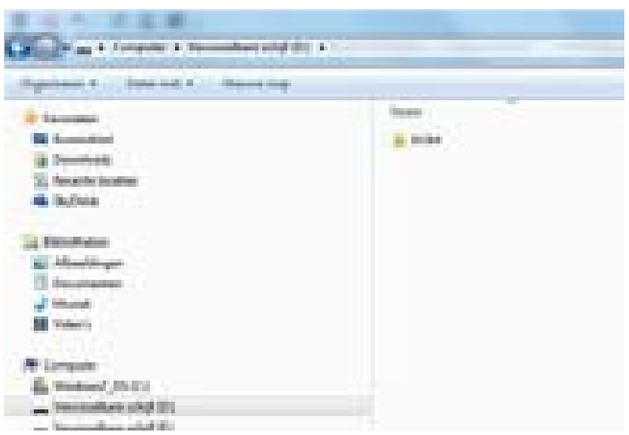
Tip: *When videos will only be used for your Apple or Android device, we suggest recording in 'HD 720 p 30 fps' for the fastest downloading process.*

CONNECTING TO A COMPUTER

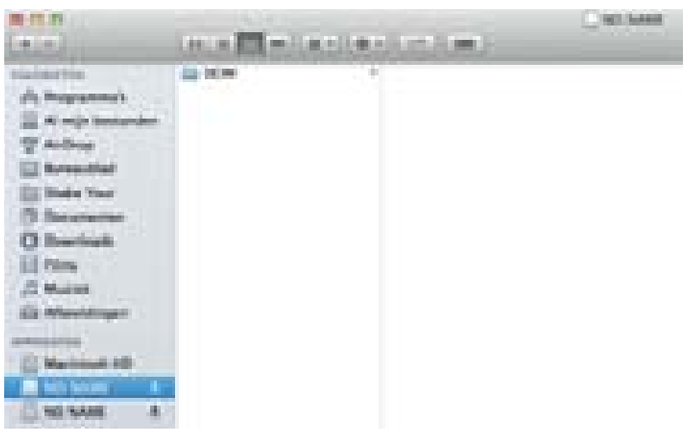
If you want to watch, play, share, edit, … the videos and photos you made you can do so by connecting the Guardo Action Cam to your computer!

- Connect the micro USB cable to the Micro USB Port of the Guardo Action Cam. Connect the other end of the micro USB cable to the USB port of your computer.
- The Guardo Action Cam will turn ON automatically. If not, turn it on manually. PCU will now appear on the display.
- On your pc a pop-up "removable disk window" (e.g. 'D:','E:', …) will appear or you will find an "extra disk" (e.g. 'D:','E:', …) under 'My Computer' or 'Explorer' in case you have a Windows pc or in 'Finder' in case you have a Mac:

Windows PC



Apple Mac:



- Click on the 'DCIM' folder to open it
- The following folders will be shown:
  - 100CARDV Contains videos/photos made in dashcam mode
  - 100EVENT no function
  - 100IMAGE contains your photos
  - 100VIDEO contains your videos
- Copy/move the files to your hard disk or external disk to open, play, share or edit them!

***Format Micro SD card**: you can use your computer to format your Micro SD card inside the camera! On a Windows computer: Right-click the removable disk and choose 'format'.*
***Format Micro SD card on Mac:** Open the 'Disk Utility' program: you can now format your Micro SD card by clicking it in the left-hand pane and then clicking the 'Erase' tab.*

***Note:** the SSID_pw.CFG file cannot be deleted*

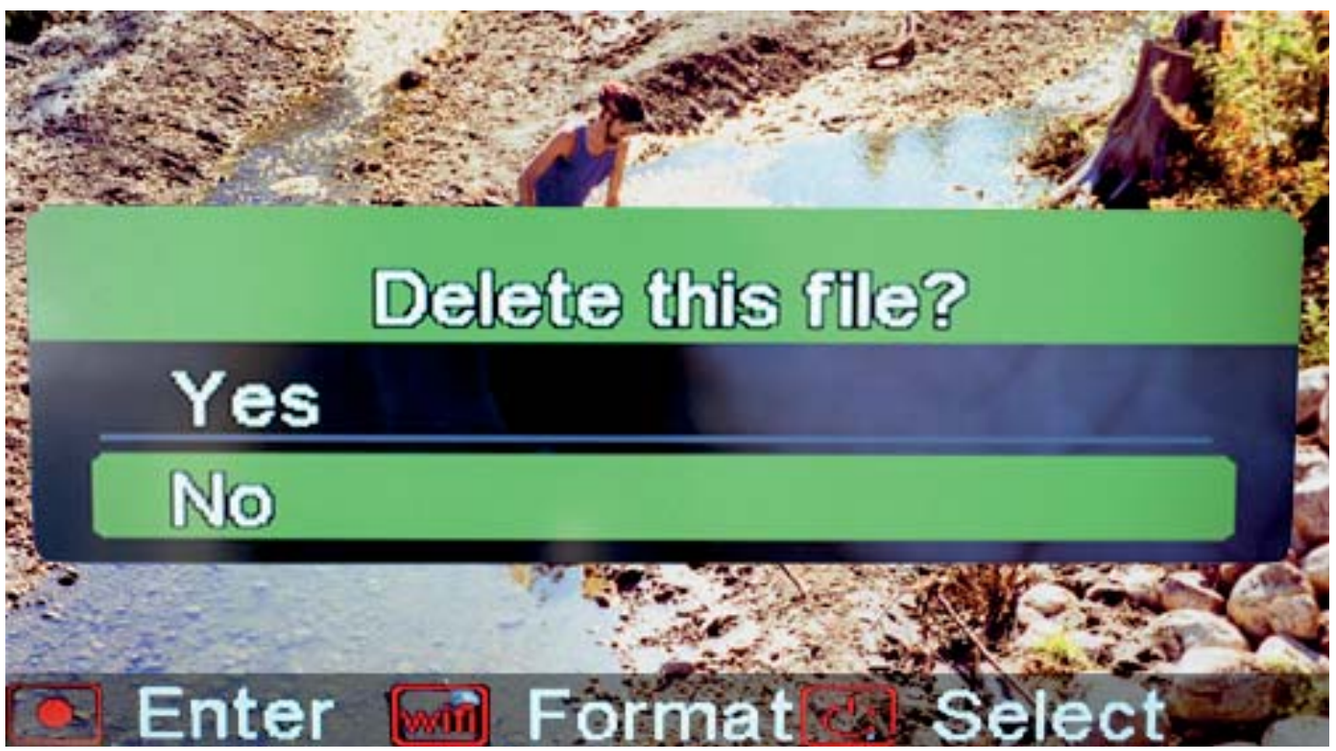
CONNECTING TO A FULL HD TV

If you want to watch and share the videos and photos you made, you can do this by connecting the Guardo Action Cam to your FULL HD TV using a HDMI cable! This cable is optionally available on www.guardo.be.

Note: *Before connecting or removing the HDMI cable, please make sure the camera is in standby mode (not recording) and wifi is turned OFF.*

When the camera is connected to a Full HD TV, the display will show:

- **Switch mode**: press the Power button (6) to switch between Photo, Video or Car Mode .
- **View a photo/video**: press the Wifi button (5) to select the photo or video you want to view. When a video file is selected, press the Record Button (1) to start playing and press the Record Button (1) again to stop playing.
- **Delete a photo/video**: press and hold the Record Button (1). You will have the option to delete or format the file.
  - o Press the Wifi button (5) to switch between deleting or formatting
  - o Press the Power button (6) to select Yes or No
  - o Press the Record Button (1) to confirm and exit.



You can just as well use the Guardo remote control to control the TV and to view, delete, select, ... your photos and videos! See p. 20 'Use remote control with Full HD TV' for more information.

DASHCAM CAR MODE

When connected to the Guardo 12/24V DUO USB car charger (optionally available on www.guardo.be). The camera will turn **ON automatically** and starts recording in 2 min sections (cannot be changed by user) and with upside down recording (rotation 180°).

Note:

- *This mode will ONLY be detected when you use the 12/24 DUO USB car charger or the home travel charger.*
- *In dashcam mode the camera display will flash "CAR" during recording.*
- *During recording, the camera will turn warm. This is normal and not a malfunction!*

CUSTOMER SUPPORT

For more information, technical questions and return requests, please contact support@guardo.be.

SOFTWARE UPDATES

Guardo keeps improving its products and therefore releases product software updates on a regular basis. Check www.guardo.be and click on 'support' to see if there is a software update available for your Guardo camera!

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